

Additional Definitions (Continued)

Final Plans and Specifications for Treatment Facilities - final plans and specifications shall be presented as detailed engineering plans and specifications for construction purposes, and shall include the following:

1. The location of the existing plant boundaries, including the area for the proposed construction or modification of wastewater treatment facilities;
2. Size, location and general layout of the wastewater treatment facilities;
3. Schematic flow diagram showing the flow through the various treatment process units;
4. M & I (Mechanical and Instrumentation) flow diagram showing the control system and mechanical equipment;
5. Hydraulic profiles showing the elevation of wastewater flow through each treatment process unit, including high, mean and low water levels in each unit and receiving stream;
6. Test borings and ground water elevation;
7. Detail plans, including location, dimensions and elevations of all proposed and existing wastewater treatment process units;
8. Specifications for all construction methods and materials which are not shown on the construction drawings;
9. The quality of materials, workmanship, construction materials and fabrication of the facilities;
10. The type, size, strength, operating characteristics and rating of all equipment;
11. Quality and quantity of all chemicals to be used;
12. Operating tests for the completed works and component units;
13. For facilities designed with a flow of 10 million gallons per day or greater, a Critical Path Method (C.P.M.) construction schedule.